



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 8399

SERIAL NUMBER 10/748,921	FILING DATE 12/08/2003  RULE	CLASS 385	GROUP ART UNIT 2883	ATTORNEY DOCKET NO. 82680
-----------------------------	---------------------------------------	--------------	------------------------	---------------------------------

## APPLICANTS

Anthony A. Ruffa, Hope Valley, RI; *ym/m*

\*\* CONTINUING DATA \*\*\*\*\*

*none mpm*

\*\* FOREIGN APPLICATIONS \*\*\*\*\*

*none mpm*

Foreign Priority claimed

☐ yes ☒ no

35 USC 119 (a-d) conditions met

☐ yes ☒ no☐ Met afterVerified and  
Acknowledged*[Signature]*  
Examiner's Signature*[Initials]*  
Initials

STATE OR

COUNTRY  
RI

SHEETS

DRAWING  
2

TOTAL

CLAIMS  
15

INDEPENDENT

CLAIMS  
3

## ADDRESS

23523

NAVAL UNDERSEA WARFARE CENTER

DIVISION NEWPORT

1176 HOWELL STREET, CODE 000C

BLDG 112T

NEWPORT, RI

02841

## TITLE

Fiber optic switch

FILING FEE  RECEIVED 770	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____